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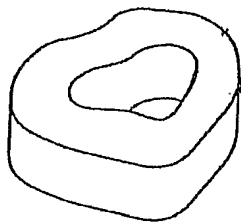
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(54) Title: VERTEBRAL DISC REPAIR



(57) Abstract: A sterile implant for treatment of a spinal disc defect comprising an allograft cortical bone demineralized to a Type I collagen having a specific shape which is treated to eliminate osteoinductivity. The implant is lyophilized and compressed into smaller first shape which 20 to 80% from its original shape in at least one dimension and hardened. The implant expanding when hydrated into a second shape having the shape memory of the first shape and expanded in dimensional size from the first compressed shape.

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INTERNATIONAL SEARCH REPORT

International application No.
PCT/US06/14342

A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - A61F2/44 (2007.01)

USPC - 623/17.16

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

USPTO EAST System (US, USPG-PUB, EPO, DERWENT), MicroPatent, IP.com, DialogPro

spine, implant, osteoconductivity, disc

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2004/0073314 A1 (WHITE et al) 15 April 2004 (15.04.2004) entire document	1-19
Y	US 6,692,528 B2 (WARD et al) 17 February 2004 (17.02.2004) entire document	1-28
Y	US 6,761,739 B2 (SHEPARD) 13 July 2004 (13.07.2004) entire document	3, 4, 11, 12
Y	US 5,711,957 A (PATAT et al) 27 January 1998 (27.01.1998) entire document	6, 16, 17
Y	US 5,314,476 A (PREWETT et al) 24 May 1994 (24.05.1994) entire document	5, 19
Y	US 6,652,593 B2 (BOYER II et al) 25 November 2003 (25.11.2003) entire document	26
Y	US 2004/0243242 A1 (SYBERT et al) 02 December 2004 (02.12.2004) entire document	20-28
A	US 6,419,707 B1 (LECLERCQ) 16 July 2002 (16.07.2002) entire document	1-28
A	WO 1994/020047 A1 (DELFOSE) 15 September 1994 (15.09.1994) entire document	1-28

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